

Converting Colors

XYZ(67.7192, 74.4067, 98.4337)

Have a look what the booklet for
XYZ(67.7192, 74.4067, 98.4337)
contains.

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Color

**XYZ(67.8338, 74.6243,
98.8244)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E5F7
RGB	197, 229, 247
RGB Percent	77%, 90%, 97%
CMY	0.2274, 0.1019, 0.0314
CMYK	0.20, 0.07, 0.00, 0.03
HSL	202°, 76%, 87%
HSV	202°, 20%, 97%
XYZ	67.8338, 74.6243, 98.8244
YIQ	221.4840, -24.8500, -1.1860

Conversions

Conversions Part 2

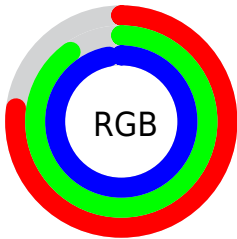
Format	Color
R _Y B	197, 217, 247
Decimal	12969463
CIE Lab	89.22, -6.69, -12.23
CIE LCh	89, 13.945, 241.314
Yxy	74.6243, 0.2811, 0.3093
Android (android.graphics.Color)	4291159543 (0xFFC5E5F7)
YUV	221.4840, 12.5794, -21.4725
Hunter-Lab	86.3854, -11.0079, -7.3577

Details

The XYZ color **67.8338, 74.6243, 98.8244** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.7371, 72.4066, 62.9673**, and the grayscale version is **68.9960, 72.5892, 79.0496**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **35.6954, 39.7845, 55.0880** is the 20% darker color. If you saturate the color by 10%, you get **59.4916, 66.7666, 97.7486**, and if you desaturate by 10%, it is **77.3661, 83.2864, 99.9952**.

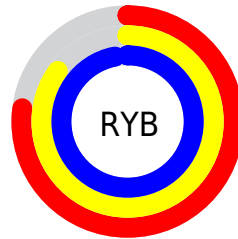
Distribution



Red (77%)

Green (90%)

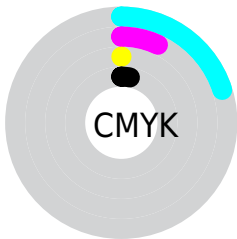
Blue (97%)



Red (77%)

Yellow (85%)

Blue (97%)

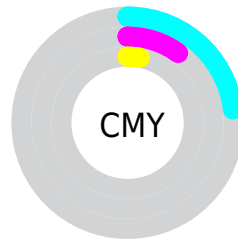


Cyan (20%)

Magenta (7%)

Yellow (0%)

Black (3%)



Cyan (23%)

Magenta (10%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.8338, 74.6243, 98.8244 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 67.8338, 74.6243, 98.8244 by changing the saturation by 10% instead.

67.8338, 74.6243,
98.8244

67.8338, 74.6243,
98.8244

442.2929,
476.6252, 577.6314

50.0357, 55.3052,
74.7077

115.1576,
125.7804, 161.5785

35.6597, 39.6461,
54.8732

145.4140,
158.3861, 201.0529

24.3404, 27.2627,
38.9023

180.5538,
196.1896, 246.4837

15.7124, 17.7706,
26.3765

220.9426,
239.5750, 298.2893

9.4104, 10.7854,
16.8772

266.9455,
288.9269, 356.8884

5.0691, 5.9227,
9.9859

318.9279,

2.3230, 2.7982,

344.6297, 422.6994

5.2842

377.2553,
407.0676, 496.1409

■ 0.8064, 1.0273,
2.3533

■ 0.0000, 0.0000,
0.7608

■ 67.8338, 74.6243,
98.8244

■ 67.8338, 74.6243,
98.8244

■ 59.4916, 66.7666,
97.7486

■ 77.3661, 83.2864,
99.9952

■ 52.2794, 59.6738,
96.7597

■ 88.1318, 92.7721,
101.2587

■ 46.1417, 53.3164,
95.8561

■ 93.7887, 99.4955,
102.2583

■ 41.0153, 47.6588,
95.0342

■ 36.8297, 42.6618,
94.2903

■ 33.5045, 38.2810,
93.6200

■ 30.9443, 34.4638,
93.0181

■ 29.0316, 31.2011,
92.4892

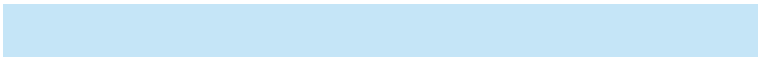
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.4842, 74.6243, 91.3860



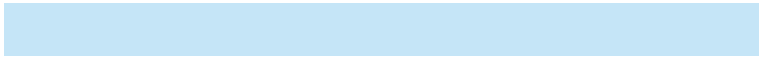
67.8338, 74.6243, 98.8244



71.0783, 74.6243, 101.4623

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.8338, 74.6243, 98.8244



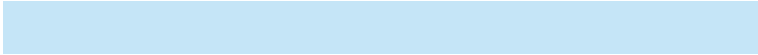
77.6722, 74.6243, 80.8241



67.5818, 74.6243, 66.2734

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



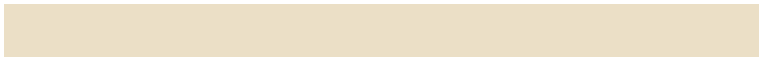
67.8338, 74.6243, 98.8244



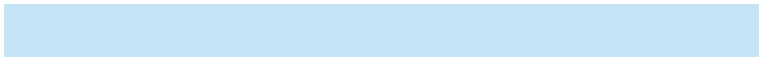
72.7371, 72.4066, 62.9673

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.7782, 74.6243, 63.9233



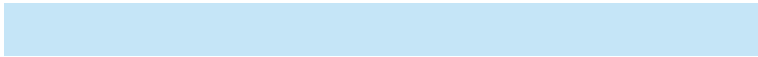
67.8338, 74.6243, 98.8244



76.6658, 74.6243, 71.8985

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.8338, 74.6243, 98.8244



76.8240, 74.6243, 90.5832



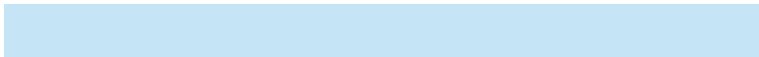
74.1152, 74.6243, 65.8989



65.3420, 74.6243, 72.5869

Rectangle

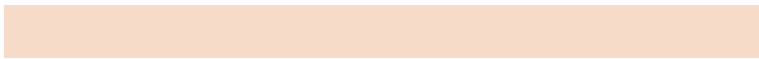
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.8338, 74.6243, 98.8244



73.3330, 74.6243, 99.9890



74.1152, 74.6243, 65.8989



68.5765, 74.6243, 65.0175

Sweetspot

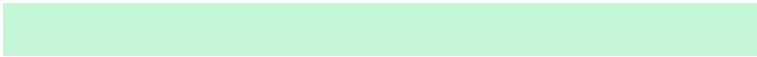
The Sweet Spot groups the original color and five complimentary colors.



67.8360, 74.6273, 98.8261



87.9116, 93.7492, 108.0697



68.4898, 83.2739, 76.4189



18.6567, 19.9248, 23.1125



0.0000, 0.0000, 0.0000



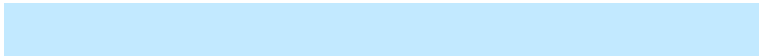
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.8360, 74.6273, 98.8261



69.3776, 76.9244, 105.7990



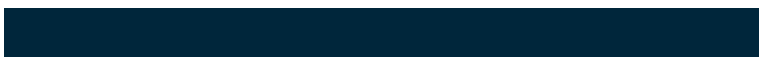
61.5280, 62.0113, 96.7234



16.4658, 17.6959, 21.0904



15.4930, 16.7799, 48.9603



1.4588, 1.6691, 4.3355

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



72.4687, 65.3657, 82.9294



75.1912, 65.6361, 85.7752



79.4503, 85.8330, 65.2050



16.9457, 16.6611, 19.4605



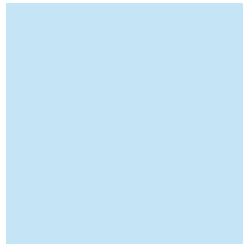
23.6247, 11.7933, 18.5298



2.1254, 1.0561, 1.8868

Previews

White Background



This preview shows how the XYZ color 67.8338, 74.6243, 98.8244 looks on a white background.

Color Contrast Check

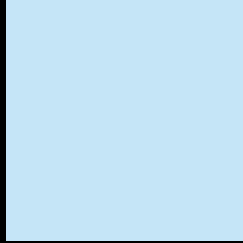
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 67.8338, 74.6243, 98.8244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

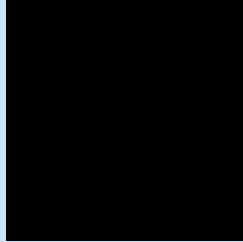
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

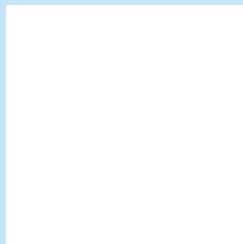
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.8338, 74.6243, 98.8244

Background



This preview shows how black text looks on a background with the XYZ color 67.8338, 74.6243, 98.8244.



This preview shows how white text looks on a background with the XYZ color 67.8338, 74.6243,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

67.8338, 74.6243, 98.8244

Protanopia

72.4231, 74.2432, 95.3073

Deuteranopia

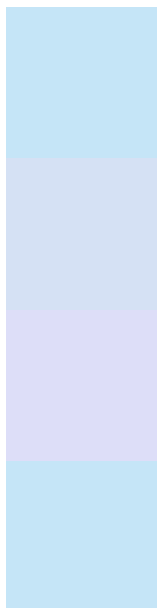
76.1020, 74.4748, 99.9866



Tritanopia

67.8338, 74.6243, 98.8244

Trichromacy



Original Color

67.8338, 74.6243, 98.8244

Protanomaly

70.6949, 74.5282, 96.2473

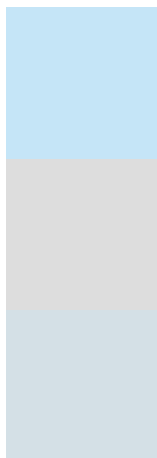
Deuteranomaly

72.8833, 74.3920, 99.3247

Tritanomaly

67.8338, 74.6243, 98.8244

Monochromacy



Original Color

67.8338, 74.6243, 98.8244

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.0900, 73.0215, 85.3688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.8338, 74.6243, 98.8244 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(197, 229, 247)` looks like.

```
.text, #text, p{  
    color:rgb(197, 229, 247)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(197, 229, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 229, 247) }
```

Border

The CSS property to change the border of an element to XYZ 67.8338, 74.6243, 98.8244 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 229, 247) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(197, 229, 247) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(197, 229, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 229, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 229, 247);  
box-shadow:4px 4px 4px 4px rgb(197, 229,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 67.8338, 74.6243, 98.8244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 229, 247) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(197,  
229, 247) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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